



# **N. Lake Dr. Complete Streets Project E. Park Pl. to E. Edgewood Ave.**

February 6, 2018

Historic Water Tower Neighborhood





# Project Goals

- Provide safer accommodations for people walking and biking
- Better organize traffic
- Improvements at Lake/Kenwood/Lincoln Memorial for all users
- Continue, but improve upon, the cross-section recently installed in Shorewood



## Project Scope

- Pavement markings, signs, minor concrete work

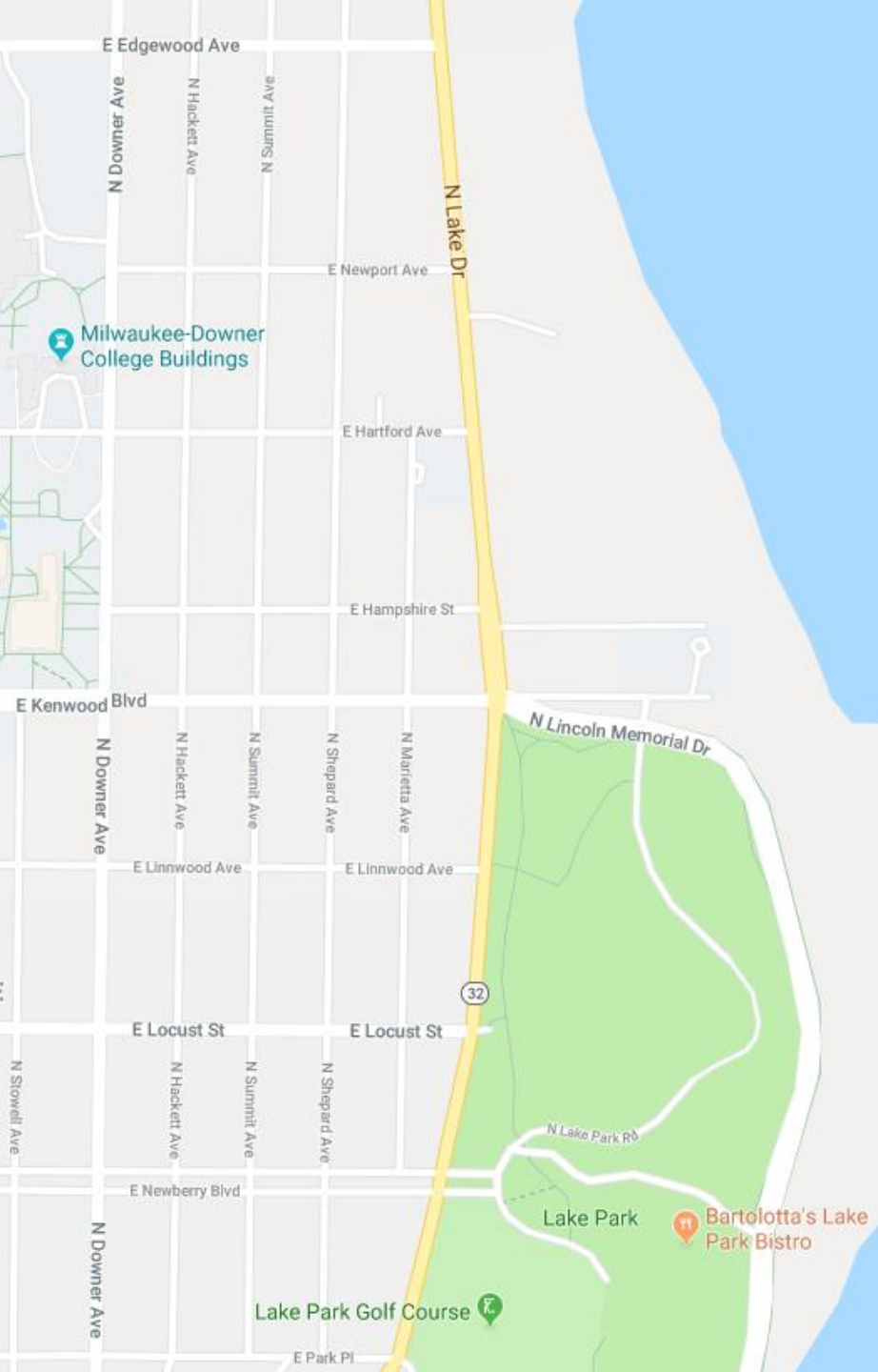


# Proposed Complete Streets Design

- 'Road diet' or 'right-sized street'
- 4 lanes of motor vehicle traffic to 2 or 3



- Improvements for people walking, biking, and driving
- Crashes reduced up to 47%
- Speed reduction
- Minimal effect on traffic flow



## Existing Conditions

### *Kenwood to Edgewood*

- 2 lanes of traffic in each direction during peak hours, 1 lane with parking allowed off-peak
- No bike accommodations
- 13,000 – 19,000 vehicles/day

### *Park to Kenwood*

- 1 lane of traffic and parking in each direction all hours of the day
- No bike accommodations
- 6,100 vehicles/day





## Proposed Changes

1. Lake Dr (Park to Kenwood)
2. Lake Dr (Kenwood to Edgewood)
3. Lake Dr at Hartford / Edgewood
4. Lake Dr at Kenwood / Lincoln Memorial

# 1) Lake Dr – Park to Kenwood (existing)





# 1) Lake Dr – Park to Kenwood (proposed)



- Marked parking lane and bike lane in each direction
- High visibility crosswalks
- No impacts to parking or travel lanes

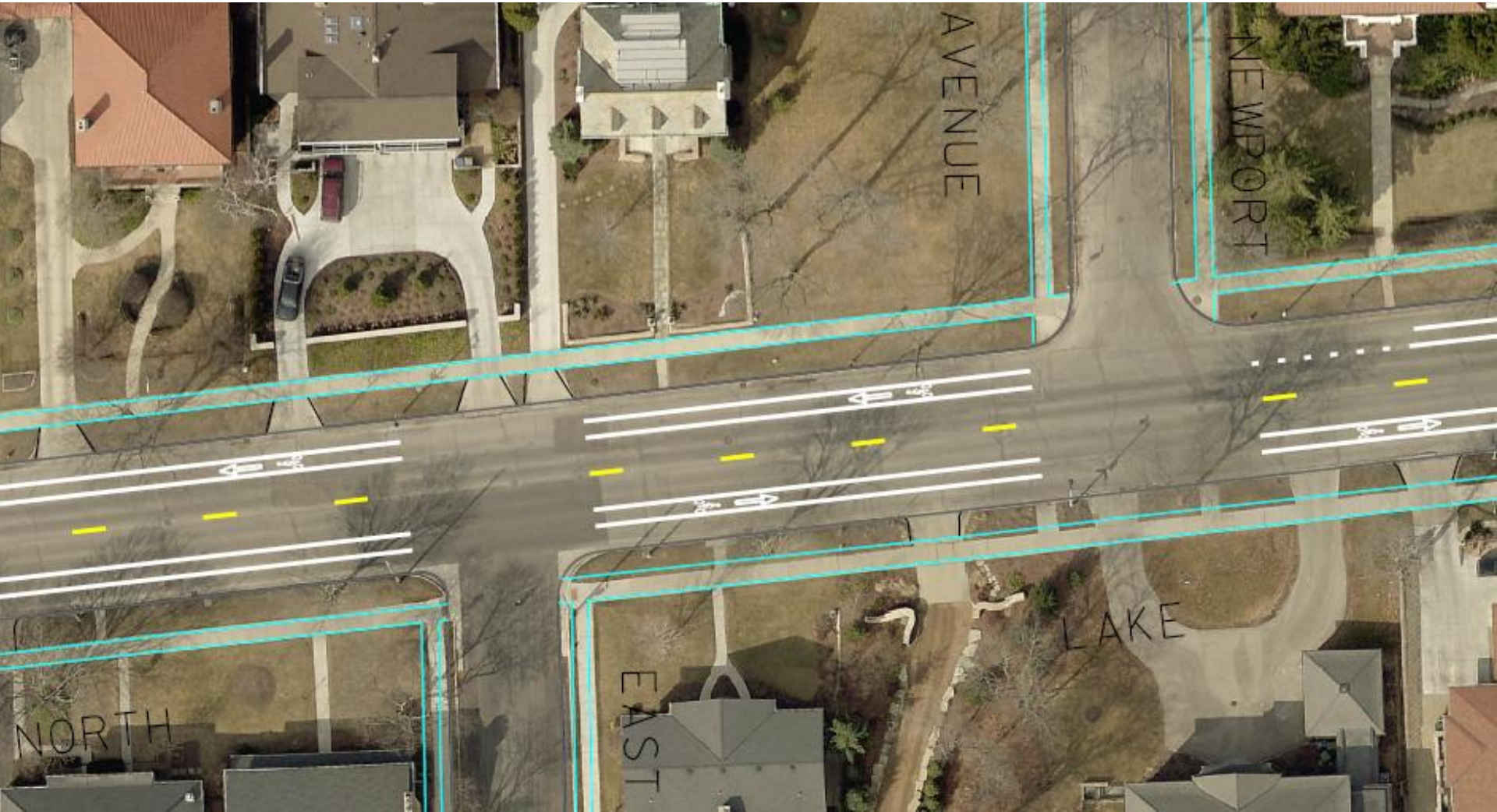


## 2) Lake Dr – Kenwood to Edgewood (existing)





## 2) Lake Dr – Kenwood to Edgewood (proposed)



- Marked parking lane and bike lane in each direction
- Parking retained on both sides
- 1 lane of traffic in each direction



### 3) Lake Dr – at Hartford & Edgewood (existing)



- No dedicated turn lanes
- Parking allowed off-peak
- No bike accommodations
- Transverse crosswalk markings



### 3) Lake Dr – at Hartford & Edgewood (proposed)



- New northbound left turn lanes
- Parking restricted at the intersections
- Opportunity for enhanced pedestrian crossing at north crosswalk

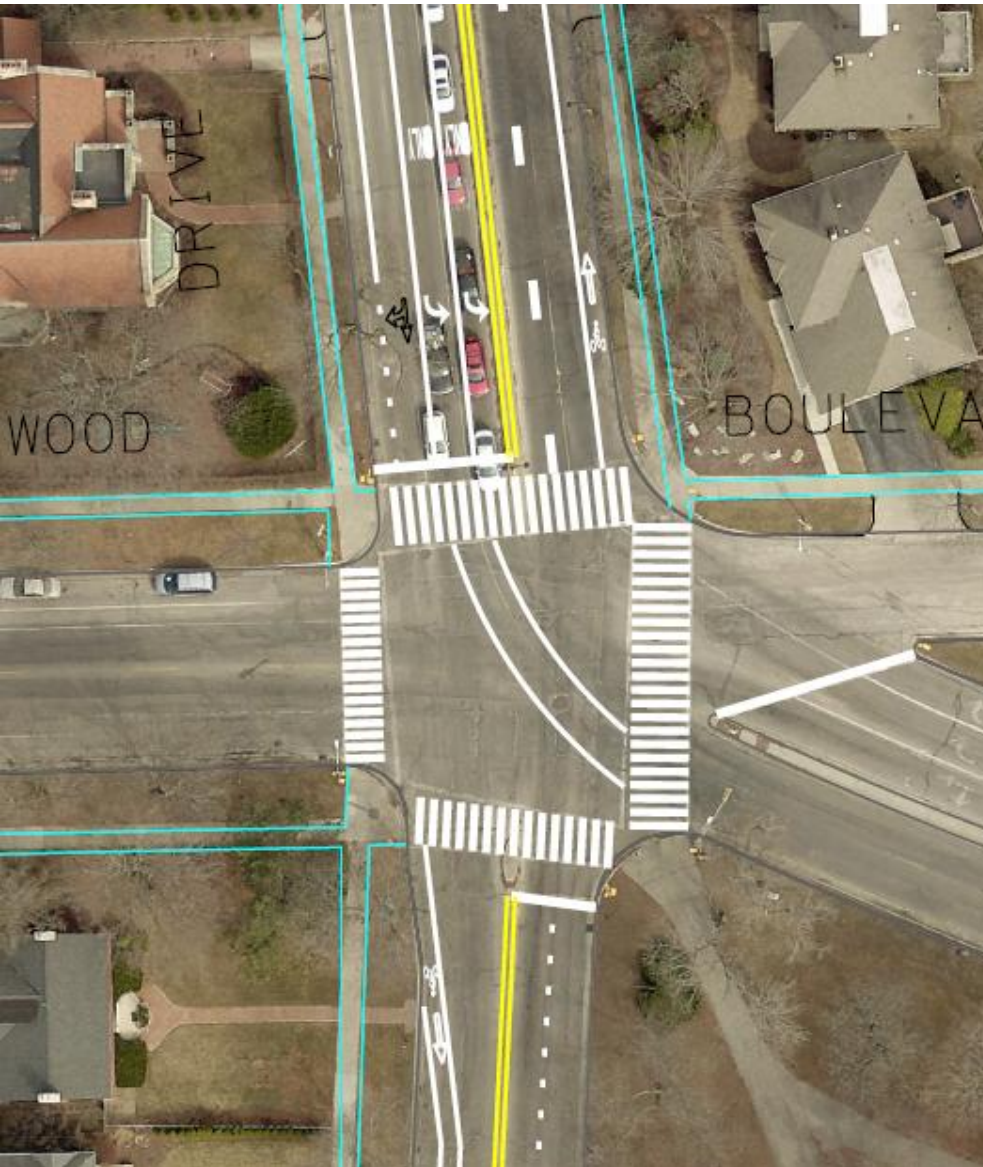
## 4) Lake Dr – at Kenwood/Lincoln Memorial (existing)



- Southbound
  - Left Only
  - Through / Left
  - Through / Right
- EB -> NB lefts prohibited
- NB/SB operate separately - inefficient for all modes
  - East and west pedestrian crossings occur separately
- No bike accommodations on Lake Dr.
- Right turns from Lincoln Mem. Dr. allowed with north crosswalk “Walk” signals



## 4) Lake Dr – at Kenwood/Lincoln Memorial (proposed)

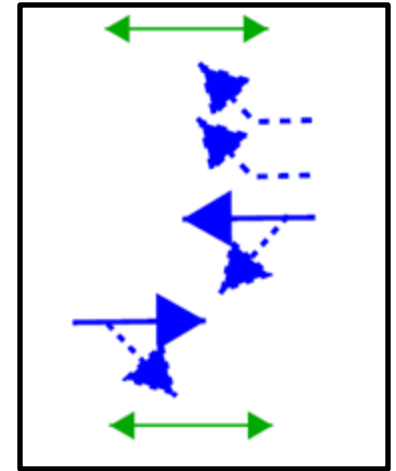
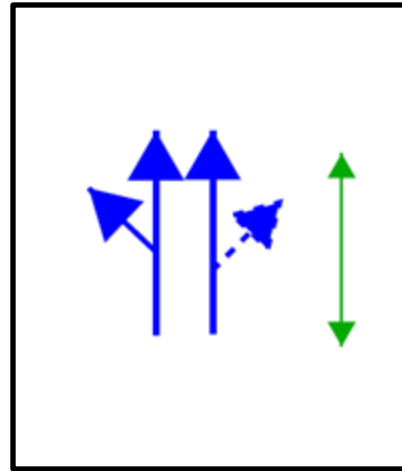
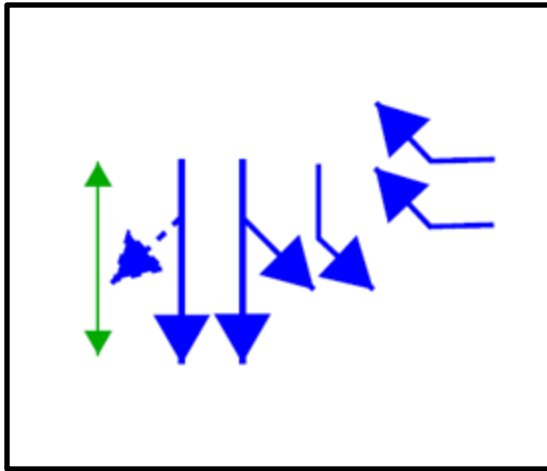


- Southbound
  - Left Only
  - Left Only
  - Through / Right
- Concrete median north of the intersection removed
- EB -> NB lefts permitted
- East and west pedestrian crossings occur simultaneously
- Bike lanes on Lake Dr up to the intersection
- Signal upgrades to make the intersection more demand responsive for all modes

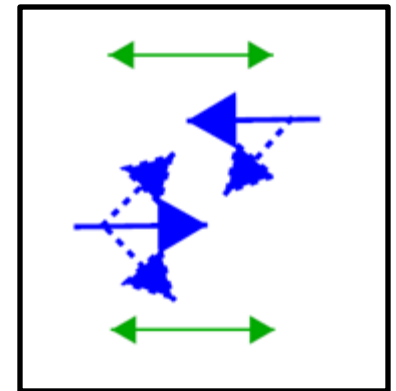
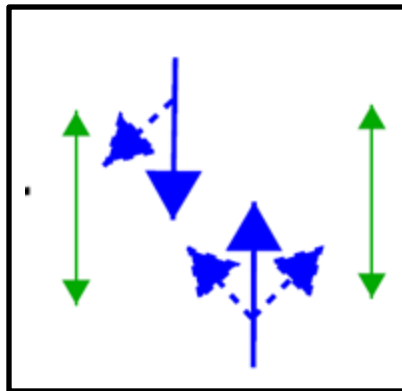
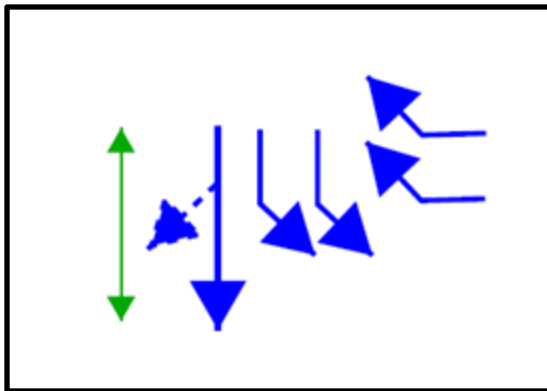
# 4) Lake Dr – at Kenwood/Lincoln Memorial Signal Phasing



EXISTING PHASING



PROPOSED PHASING





# Project Benefits

- Reduced speeding, reckless driving, and crashes
- Improved pedestrian experience walking along and across Lake Dr
- Better visibility at intersections
- Easier to turn onto / off of Lake Dr
- On-street bike accommodations
- Complements new lane configuration to the north in Shorewood



# Next Steps

- Finalize outreach
- Implement traffic signal changes at Lake/Kenwood/Lincoln Memorial
- Identify funding for lane reconfiguration (approx \$200,000)
- Program striping changes – likely 2020





# Thank you!

For additional information contact:

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